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MONTANA OIL AND GAS STATISTICAL BULLETIN

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OIL AND GAS CONSERVATION COMMISSION
SAVINGS BLDG.
HELENA, MONTANA

Vol. XIII, No. 1 — HELENA INDEPENDENT-RECORD HELENA, MONTANA — JANUARY, 1965

Production of crude oil and condensate from the oil and gas areas of Montana for the month of January 1965, averaged 82,446 barrels daily, an increase of 5,290 barrels from the average December production of 77,156.

The nine refineries in state processed 92,831 barrels of crude oil daily for the month of January, 1965, a decrease of 5,502 barrels from the 98,333 barrels processed daily during the month of December, 1964.

During January, 44 wells were completed, 23 oil, 5 gas wells and 16 dry holes.

During January, the commission issued 32 permits to drill new wells, a decrease of 1 from 33 permits issued during December.

SUMMARY OF CRUDE OIL PRODUCTION REFINING, STORAGE, ETC., IN MONTANA MONTH OF JANUARY, 1965

IN STORAGE JANUARY 1st:	
By Producers	369,139
By Transporters	933,819
By Refiners	508,411
TOTAL STORAGE	1,811,369
Produced in Montana During Month	2,555,847
Imported During Month	1,852,409
TOTALS	6,219,625
DISPOSITION:	
Refined in Montana	2,877,783
Exported	1,531,632
Used for Fuel or Lost	6,713
TOTAL	4,416,128
IN STORAGE JANUARY 31st:	
By Producers	379,744
By Transporters	920,233
By Refiners	503,520
TOTAL STORAGE	1,803,497

NATURAL GAS WITHDRAWALS IN MONTANA

Month of January, 1965

Field	M Cu. Ft.
Bears Den	0
Big Coulee	124,713
Bowdoin	338,529
Bowes	65,175
Cabin Creek	83,626
Cedar Creek	413,060
Cut Bank (Including Reagan)	751,804
Devon	0
Dry Creek	223,462
Elk Basin	23,158
Flat Coulee	0
Gold Butte	0
Golden Dome	0
Grandview	0
Hardin	816
Keith Block	302,662
Kevin Sunburst	87,961
Middle Butte	2,241
Mount Lili	21,871
Pine	57,913
Plevna	14,098
Utopia	113,856
Whitlash	219,341
Miscellaneous	40,359
TOTAL	2,884,645

Total withdrawals for January, 1964 were 2,708,629

PRODUCER'S REPORT—MONTH OF JANUARY, 1965

Leases	Field	No. of Wells	Storage 1st of Month	Produced Oil	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
1	Ash Creek	4	357	2,272	----	2,218	----	411
4	Bannatyne	8	1,091	806	----	1,252	----	645
1	Bascom	1	506	82	506	----	----	82
4	Bear's Den	5	1,177	1,787	----	1,705	----	1,259
1	Belfry	1	134	324	----	----	----	458
1	Benrud	1	498	3,568	3,559	----	----	507
1	Benrud East	1	594	13,098	12,709	----	----	983
1	Benrud Northeast	1	686	15,516	15,101	----	----	1,101
8	Big Wall	22	2,124	19,244	19,425	----	----	1,943
7	Blackfoot	11	1,491	5,571	2,758	2,550	----	1,754
----	Bloomfield	----	493	----	----	----	34	459
1	Border	1	206	330	----	330	----	206
1	Bowes	61	4,322	13,085	13,056	----	----	4,351
3	Bradley	3	1,536	1,165	1,665	----	----	1,036
----	Bredette North	----	123	----	----	----	----	123
2	Cabin Creek	110	6,306	263,959	261,403	----	----	8,862
12	Cat Creek	87	2,459	18,021	17,822	----	----	2,658
1	Clark's Fork	1	94	58	----	98	----	54
1	Clark's Fork North	1	1,313	303	----	303	----	1,313
3	Conrad South	3	775	1,073	1,015	----	----	833
----	Cupton	----	1,115	----	----	----	----	1,115
150	Cut Bank	1,016	110,931	165,206	163,730	2,610	730	109,067
3	Deer Creek	4	1,507	4,279	4,289	----	----	1,497
----	Delphia	----	98	----	----	----	----	98
----	Devil's Basin	----	498	----	----	----	----	498
1	Dry Creek	1	388	6	----	----	----	394
17	Dwyer	18	7,351	34,848	33,068	----	----	9,131
9	Elk Basin	64	4,532	301,752	301,900	----	----	4,384
1	Elk Basin Northwest	1	1,770	1,908	----	2,615	----	1,063
3	Fertile Prairie	3	1,246	3,384	----	3,227	----	1,403
22	Flat Coulee	27	6,017	33,363	34,482	----	----	4,898
6	Flat Lake	6	2,110	16,813	----	15,143	261	3,519
2	Frannie	2	----	1,600	1,600	----	----	----
18	Fred & George Creek	26	2,919	105,116	106,381	----	----	1,654
1	Gage	2	39	504	256	----	3	284
4	Gas City	27	3,643	66,938	59,871	2,689	----	8,021
7	Glendive	11	2,562	31,281	23,026	8,440	----	2,377
12	Goose Lake	13	4,309	45,341	44,665	----	----	4,985
6	Graben Coulee	11	5,243	3,945	4,137	1,484	----	3,567
----	Grandview	----	112	----	----	----	----	112
5	Gypsy Basin	5	3,454	1,842	1,640	----	6	3,650
1	Hibbard	1	631	444	----	795	----	280
8	Ivanhoe	15	3,652	30,787	29,067	----	63	5,309
9	Keg Coulee	22	6,028	26,560	23,992	----	----	8,596
1	Keg Coulee North	1	630	5,378	----	4,877	----	1,131
92	Kevin Sunburst	578	17,530	24,805	26,031	----	3	16,301
2	Little Beaver	24	4,068	26,486	26,424	344	----	3,786
3	Little Beaver East	18	4,136	21,328	21,842	----	----	3,622
2	Lodge Grass	2	995	2,389	----	2,205	----	1,179
3	Lone Tree	3	1,464	4,077	----	4,544	----	997
26	Lookout Butte	71	3,352	124,978	124,257	----	----	4,073
----	Mackay Dome	----	770	----	----	----	----	770
2	Mason Lake	2	305	4,536	4,268	----	----	573
2	Melstone	5	1,260	3,440	3,599	----	----	1,101
6	Monarch	14	3,574	14,283	13,578	----	----	4,279
4	Mosser	4	----	813	----	813	----	----
----	Musselshell	----	300	----	----	----	----	300
7	Outlook	12	10,550	34,822	39,270	----	----	6,102
2	Outlook South	2	1,644	2,907	3,538	----	----	1,013
64	Pennel	111	3,768	225,173	223,744	----	----	5,197
4	Pine	130	13,126	316,821	317,180	----	----	12,767
4	Pole Creek	7	888	2,919	----	1,927	----	1,880
68	Pondera	315	9,318	32,074	33,056	----	----	8,336
4	Poplar East	75	12,006	95,828	92,989	----	12	14,833
4	Poplar Northwest	5	2,038	1,654	961	----	----	2,731
6	Ragged Point	17	3,307	6,542	7,394	----	----	2,455
3	Reagan	42	2,178	18,632	17,698	----	----	3,112
1	Red Creek	21	3,239	31,966	30,763	----	----	4,442
1	Redstone	1	941	992	1,132	----	----	801
----	Repeat	----	908	----	----	----	----	908
3	Richey	4	4,522	1,118	----	2,899	24	2,717
6	Richey Southwest	7	4,316	13,485	----	13,678	----	4,123
4	Sand Creek	5	----	6,121	6,121	----	----	----
1	Shotgun Creek	1	199	1,026	----	665	----	560
5	Sidney-Brorson	5	2,890	3,211	1,311	1,078	----	3,712
1	Snyder	3	1,752	167	----	----	----	1,919
4	Soap Creek	8	5,360	4,252	----	4,133	----	5,479
2	Spring Lake	3	3,363	7,230	----	7,055	124	3,414
2	Stensvad	24	6,196	32,718	33,749	----	----	5,165
26	Sumatra	80	12,736	87,567	88,297	----	----	12,006
5	Tule Creek	7	2,170	39,872	36,590	----	----	5,452
2	Tule Creek East	2	992	20,446	20,048	----	----	1,390
1	Tule Creek South	1	808	4,721	----	4,638	----	891
2	Vida	2	878	2,204	----	1,407	----	1,675
2	Volt	2	2,387	7,792	8,353	----	----	1,826
12	Whitlash	32	10,146	12,598	13,701	----	422	8,621
----	Whitlash West	----	140	----	----	----	----	140
2	Wills Creek South	2	1,502	8,887	8,529	----	----	1,860
9	Wolf Springs	17	4,258	14,416	14,896	----	----	3,778
4	Woodrow	6	955	7,087	7,442	----	----	600
1	Wildcat, Glacier Cty	1	284	134	----	----	----	418
1	Wildcat, McCone Cty	3	4,550	40,937	----	39,954	----	5,533
1	Wildcat, Roosevelt Cty	1	----	836	----	----	----	836
745		3,273	369,139	2,555,847	2,407,884	135,676	1,682	379,744

Total Oil Produced & Shipped From Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1964	30,637,492	83,938	30,604,009	83,846
January, 1965	2,555,847	82,446	2,543,560	82,050

Oil In Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage*	Total Oil In Storage*
December, 1964	369,139	933,819	508,411	1,811,369
January, 1965	379,744	920,233	503,520	1,803,497

*Includes Wyoming Oil.

TRANSPORTER'S REPORT—MONTH OF JANUARY, 1965

	Storage First of Month	OIL RECEIVED BY			Loss or (Gain)	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			2,218				2,218		
BANNATYNE—Truck			1,252			1,252			
BEAR'S DEN—Truck			1,705			1,705			
BIG WALL—Glacier Pipeline Co.		19,450				19,450			
BLACKFOOT—Union Oil Co.		2,758				2,758			
Camerland Cardinal Corp.			2,550					2,550	
		2,758	2,550			2,758		2,550	
BORDER—Truck			330			330			
BOWES—Texaco, Inc.		13,056				13,056			
CABIN CREEK & OTHERS*									
Butte Pipeline Co.	285,866	686,232	60,699	823,510			1,590,553		265,754
Shell Pipeline Co.	6,230	356,071		678	5			359,936	3,038
	292,096	1,042,303	60,699	824,188	5		1,590,553	359,936	268,792
CAT CREEK									
Glacier Pipeline Co.		16,167				16,167			
CLARK'S FORK—Truck			401				401		
CUT BANK									
Darling Gathering System, Inc.	3,890	5,542			(21)			7,915	1,538
Glacier Pipeline Co.			4,094	545,776		549,870			
Phillips Petroleum Co.	73,324	46,164		34,135	603	81,786			71,234
Texas Pipeline Co.	13,359	31,951		8,443	244			37,126	16,383
Union Oil Co.	69,302	85,515		7,500	1,095	100,043			61,179
Western Oil Transportation Co.	28,546	31,227		31,752	311			69,104	22,110
	188,421	200,399	4,094	627,606	2,232	731,699		114,145	172,444
DWYER—Portal Pipeline Co.		32,435					32,435		
ELK BASIN—									
Marathon Pipeline Co.		301,645				301,645			
ELK BASIN NORTHWEST—Truck			2,615				2,615		
FLAT COULEE—									
Camerland Cardinal Corp.	3,000	34,946						34,946	3,000
FLAT LAKE—Truck			15,143				15,143		
FRANNIE—Marathon Pipeline Co.		1,600					1,600		
FRED & GEORGE CREEK									
Camerland Cardinal Corp.	3,288	101,451			68	58,175		17,162	29,334
GAGE—Glacier Pipeline Co.		257				257			
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK—									
Texas Pipeline Co.	9,665	47,050			204			47,288	9,223
GOOSE LAKE—									
Portal Pipeline Co.		44,390					44,390		
HIBBARD—Truck			795			795			
IVANHOE—Glacier Pipeline Co.		29,917				29,917			
KEG COULEE—									
Glacier Pipeline Co.		23,991				23,991			
KEG COULEE NORTH—Truck			4,877				4,877		
KEVIN SUNBURST—									
Big West Oil Co.	4,687	39,361				39,509			4,539
Homestake Oil & Gas Co.	2,091	1,327		7,915	237	10,499			597
Texas Pipeline Co.	9,620	7,977			1,001			8,443	8,153
	16,398	48,665		7,915	1,238	50,008		8,443	13,289
LODGE GRASS—McWood Corp.			2,205			2,205			
LONE TREE—Truck			4,544				4,544		
MASON LAKE—Truck		3,608				3,608			
MELSTONE—									
Glacier Pipeline Co.		3,599				3,599			
MOSSER—Truck			813				813		
PONDERA—Phillips Petr. Co.	24,580	34,247			598	40,489			17,740
POPLAR, BENRUD, BENRUD EAST, BENRUD NORTHEAST, BREDETTE, OUTLOOK, OUTLOOK SOUTH, REDSTONE, SIDNEY-BRORSON, TULE CREEK, TULE CREEK EAST & VOLT									
East Poplar Gathering System	21,947	244,186			(2,814)			252,029‡	16,918
POLE CREEK—Truck			1,927				1,927		
RAGGED POINT—									
Glacier Pipeline Co.		7,394				7,394			
RED CREEK—									
Western Oil Transportation Co.		30,750			307			30,443	
RICHEY & RICHEY SOUTHWEST									
McWood Corp.			16,577			16,577			
SHOTGUN CREEK—Truck			665				665		
SIDNEY-BRORSON									
McWood Corp.	6,939		1,078	34,008				37,239	4,786
SOAP CREEK—McWood Corp.	6,094		4,133	1,166		6,296			5,097
SPRING LAKE—Truck			7,055				7,055		
SUMATRA AND STENSVAD—									
Glacier Pipeline Co.	361,391	121,943		21,130	719	124,135			379,610
WHITLASH AND WHITLASH WEST									
Camerland Cardinal Corp.		14,344				14,344			
WOLF SPRINGS—									
Glacier Pipeline Co.		14,898				14,898			
TOTALS	933,819	2,435,449	135,676	1,516,013	2,557	1,484,750	1,709,236	904,181	920,233

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver East, Lookout Butte, Monarch, Pennel, Pine, Repeat, and Wills Creek South.

‡Transferred to Butte Pipeline Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF JANUARY, 1965

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Ref. Co.	Jet Fuel Refinery	Tesoro Petr. Corp.	Phillips Petr. Co.	Union Oil Co.	Total
Big Wall				19,450						19,450
Blackfoot									3,351	3,351
Border				330						330
Bowes			5,222					3,805		9,027
Cat Creek		13,910				2,257				16,167
Cut Bank		111,059						81,586	93,619	286,264
Delphia						170				170
Elk Basin		114,347		76,984	109,408					300,739
Fred & George Creek	22,384									22,384
Gage						743				743
Hibbard						796				796
Ivanhoe					29,917					29,917
Keg Coulee				23,991						23,991
Kevin Sunburst	50,008									50,008
Lodge Grass		2,205								2,205
Mason Lake						1,411				1,411
Melstone				3,599						3,599
Pondera								40,866		40,866
Ragged Point		7,394								7,394
Red Creek					26,994					26,994
Richey						866	25,613			26,479
Soap Creek		6,296								6,296
Sumatra & Stensvad		46,897		77,238						124,135
Whitlash	14,344									14,344
Wolf Springs					8,314					8,314
Total Montana Oil	86,736	302,108	5,222	201,592	174,633	6,243	25,613	126,257	96,970	1,025,374
Canadian Oil Imported		445,435			30,781				1,928	478,144
Wyoming Oil Imported		202,272		332,374	835,248	4,371				1,374,265
Total Montana, Canadian, and Wyoming Oil	86,736	949,815	5,222	533,966	1,040,662	10,614	25,613	126,257	98,898	2,877,783

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1964	33,677	10,963	43,051	87,691
January, 1964	29,395	6,718	40,513	76,626
January, 1965	33,076	15,424	44,331	92,831

PERCENTAGE OF CRUDE OIL REFINED

Montana	Canada	Wyoming
38.40%	12.51%	49.09%
38.36%	8.77%	52.87%
35.63%	16.62%	47.75%